MATHS

NCERT - NCERT MATHS(TELUGU)

SUMMATIVE ASSESMENT

Summative Assesment

1. Solve the equation $6p = 24$ by trial and Error method.

▶ **Watch Video Solution**

2. Rama said "There is a natural number that has no predecessor" do you agree ? If yes write the number.
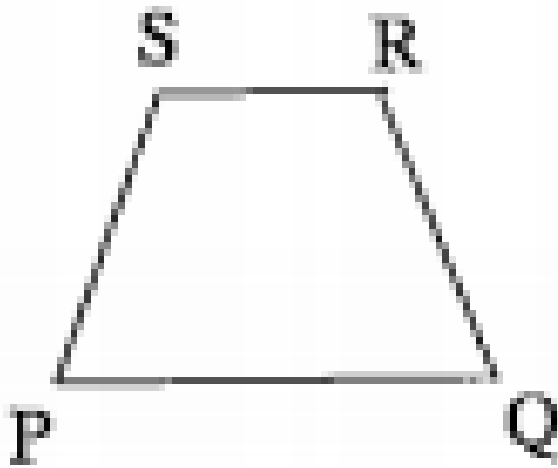
> ▶ **Watch Video Solution**

3. Write any four English alphabet A to Z which have no lines of symmetry.

> ▶ **Watch Video Solution**

4. Name the angles formed in the figure.

5. If the cost of 4 Books is Rs. 48, how much would be the Cost of 7 books?
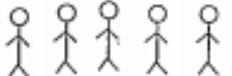
▶ **Watch Video Solution**

6. Write the expression for the statement "6 is added to the five times of a".

▶ **Watch Video Solution**

7. Population of 4 villages are shown in the pictograph given below scale = 1000

Village	Population
Nidigonda	
Veldanda	
Nellutla	
Madaram	

population.

▶ Watch Video Solution

8. The LCM of two numbers is 168, and their HCF is 28. If one of the number is 84 find the other.

▶ **Watch Video Solution**

9. Write the type of angle formed between the long hand and short hand of a clock at given timings : At 9'o clock in the morning.

▶ **Watch Video Solution**

10. Write the type of angle formed between the long hand and short hand of a clock at given timings : At 5 O clock in the evening.

11. The temperature recorded in Srinagar is -5°C, and Simla is -8°C on the same day. Which place is low temperature on that day ? How?

12. A piece of rod 3 meters long is broken into two pieces one piece is $1\frac{2}{7}$ meters. How long is the other piece?

13. Renuka and Kishore won Rs. 2745 in a game. They agreed to share the amount in the ratio of 5: 4, how much does each person receive?

14. Round the given number to the nearest

hundred : 6892

▶ Watch Video Solution

15. Round the given number to the nearest

hundred : 3749

▶ Watch Video Solution

16. Round the given number to the nearest hundred : 8701

▶ Watch Video Solution

17. Round the given number to the nearest hundred : 9084

▶ Watch Video Solution

18. The length of a rectangle is twice of its breadth. If its perimeter is 54 cm, find the dimensions of the rectangle.

▶ **Watch Video Solution**

19. The side of a square field is 95 meters. The cost of preparing a grass lawn is Rs.30 per square meter. How much will it cost if the entire field is converted into lawn ?

▶ **Watch Video Solution**

20. Fill in the following table and answer the following question : Sort the following fractions into the category of proper and improper fractions, also write improper fractions as mbed fractions.

$$\frac{8}{11}, \frac{13}{14}, \frac{7}{8}, \frac{8}{3}, \frac{1}{7}, \frac{27}{5}, \frac{10}{3}, \frac{2}{5}$$

Boys :	6	12			
Girls :			20	25	
Total :					66

▶ Watch Video Solution

21. Draw a line segment of 4.5 cm and construct $30°$ using compass Write steps of construction.

22. Draw a line segment of 5 cm and construct perpendicular bisector, Write steps of construction.

23. What number should be added to -121 to get -98 ?

A. -23

B. 23

C. -98

D. 98

Answer:

24. The Value of (-4) + (7) + (-9) =

A. 6

B. 2

C. -6

D. -2

Answer:

25. If 78a487 is divisible by 9 then a=____

A. 4

B. 6

C. 2

D. 0

Answer:

▶ **Watch Video Solution**

26. Which of the following figure is not symmetric?

A. Equilateral triangle

B. Square

C. Circle

D. Scalene triangle

Answer:

▶ **Watch Video Solution**

27. The bar graph consists of
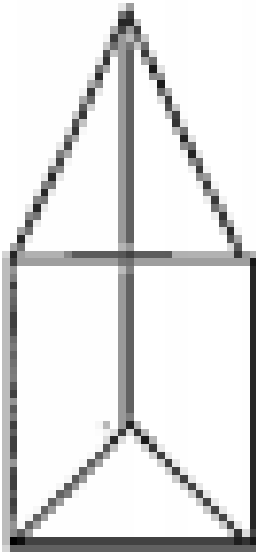
A. Circle

B. Rectangles

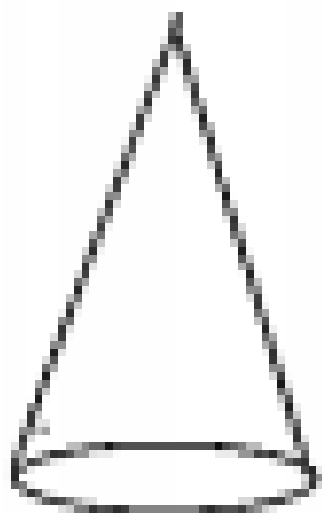C. Triangles

D. Lines

Answer:

▶ **Watch Video Solution**

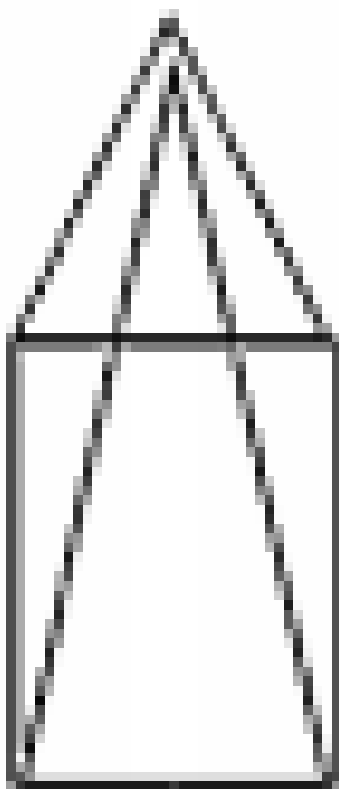**28.** Which of the following figure is pyramid?

A)

B)

D)
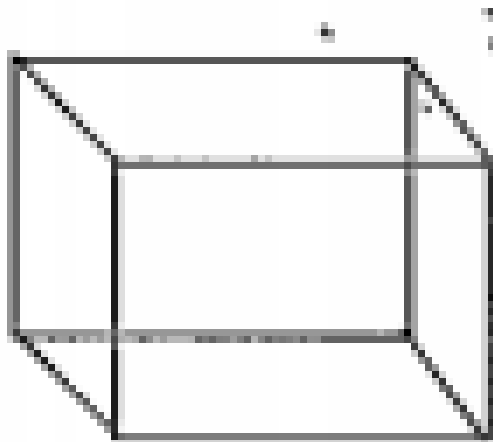
Watch Video Solution

29. Which of the following is obtuse angle ?

A)
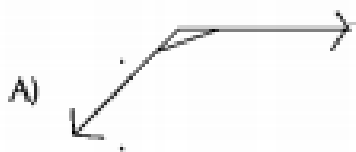
B)
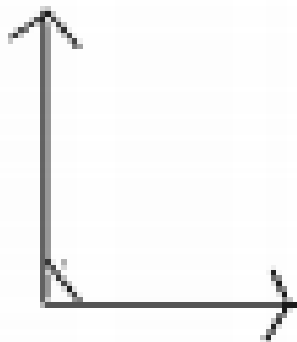
C)

D)
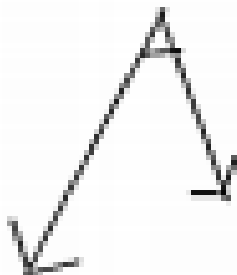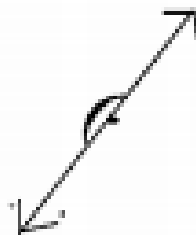
▶ Watch Video Solution

30. How many lines of symmetric for a circle ?

A. has no lines of symmetry

B. has four lines of symmetry

C. has infinite lines of symmetry

D. has one line of symmetry

Answer:

▶ **Watch Video Solution**

31. The perimeter of a regular pentagon of side 8 cm is

    A. 40 cm

    B. 32 cm

    C. 48 cm

    D. 64 cm

Answer:

▶ **Watch Video Solution**

32. How can you represent (-5)+(-2) on the number line?

▶ **Watch Video Solution**

33. A motor cycle industry makers 2678 motor cycles in each day. Find the total number of motor cycles manufactured in the month of January.

▶ **Watch Video Solution**

34. Classify the angles whose magnitudes are given below (acute, obtusel right, straight, reflex angles) : $30°$

▶ **Watch Video Solution**

35. Classify the angles whose magnitudes are given below (acute, obtuse, right, straight, reflex angles) : $95°$

▶ **Watch Video Solution**

36. Classify the angles whose magnitudes are given below (acute, obtuse, right, straight, reflex angles) : $180°$

▶ **Watch Video Solution**

37. Classify the angles whose magnitudes are given below (acute, obtusel right, straight, reflex angles) : $215°$

▶ **Watch Video Solution**

38. Express 36 as the sum of two odd primes.

39. Give an example each for open curve and closed curve from English Alphabet.

40. Find the value of $368 \times 12 + 18 \times 368$ by using appropriate property.

41. The total weight of a box of 5 biscuit packets of same size is 8 kg. 400 gm. What is the weight of each packet?

> ▶ **Watch Video Solution**

42. Check whether 859484 is divisible by 11.

> ▶ **Watch Video Solution**

43. Express each of the following decimals in the following $\frac{p}{q}$ form

123.8

44. A daily newspaper contains 16 pages. Everyday 9,540 copies are printed. Totally how many pages are printed in the month of July ?

45. Find 12×75 using distributive property

46. Find the smallest number added to 5 is exactly divisible by 12, 14 and 18.

47. The HCF of two numbers is 6 and their LCM is 36. If one of the numbers is 12, find the

other.

48. Three rods of 64 cm, 72 cm and 96 cm are used to measuring lengths. What is the least length that can be measured by any of the rods exactly ? Support your answer.

49. Write any eight numbers with digit 5 in crores, 2 in lakhs, 3 in ten thousands, 6 in tens and 3 in ones places. (Keep any digit of your choice in the remaining places).

▶ **Watch Video Solution**

50. Place the successor of 11 and predecessor of -5 on the number line.

▶ **Watch Video Solution**

51. Draw a circle with radius 3 cm and lable its centre, radius, diameter and major arc.

52. HCF of co-prime numbers 4 and 15 is

A. 4

B. 15

C. 60

D. 1

Answer:

53. LCM of 8 and 12 is

A. 24

B. 8

C. 12

D. 4

Answer:

54. Which of the following is divisible by 4?

A. 115

B. 114

C. 113

D. 112

Answer:

55. Length of $\overline{AP} = 3$ cm and AP=PB. Then what is the length of AB ?

A. 3

B. 6

C. 4

D. 9

Answer:

56. From the figure, find the diameter of the

circle.

A. SR

B. AO

C. PQ

D. SO

Answer:

57. How many milli litres are there in 1.5 litres?

A. 1000 ml

B. 1050 ml

C. 1005 ml

D. 1500 ml

Answer:

58. Statement I:$2+0 = 0+2= 2$ ('0' is the additive identity w.r.t addition in whole numbers. Statement-II:$2÷8=4,8÷2 =4$. Which of the above statement is true?

A. Only I

B. Only II

C. Only I & II

D. none

Answer:

59. Which of the following is not an obtuse angle?

A. $45°$

B. $60°$

C. $90°$

D. All of the above

Answer:

▶ Watch Video Solution

60. 10 millions contain

A. 10 Lakh

B. 100 lakh

C. 1 lakh

D. None

Answer:

61. Which of the following shows associative property?

A. a. $(3 \times 5) \times 7 = 3 \times (5 \times 7)$

B. b. $5 \times (3 + 7) = 5 \times 3 + 5 \times 7$

C. c. 3+5=5+3

D. d. None

Answer:

▶ **Watch Video Solution**

62. A number that is divisible by 3 and also a

factor of 45 is

A. a. 5

B. b. 6

C. c. 9

D. d. 12

Answer:

63. Edge of the black board is an example for

A. a. line

B. b. line segment

C. c. ray

D. d. point

Answer:

64. Among the following the largest 2 digit number when divided by 5 leaves no remainder is

A. 99

B. 50

C. 100

D. 95

Answer:

▶ **Watch Video Solution**

65. Marked price of a pair of shoes is Rs. 99. How much do you pay normally?

A. Rs.90

B. Rs.100

C. Rs.109

D. Rs.95

Answer:

▶ Watch Video Solution

66. Which among the following is not a whole number, but a natural number?

A. a. 1

B. b. 0

C. c. Both 1 and 0

D. d. None

Answer:

▶ **Watch Video Solution**

67. A ladder always makes ____ angle with the wall.

A. A. Obtuse

B. B. Acute

C. C. Right

D. D. Straight

Answer:

▶ Watch Video Solution

68. Which of the following is an open figure?

A)
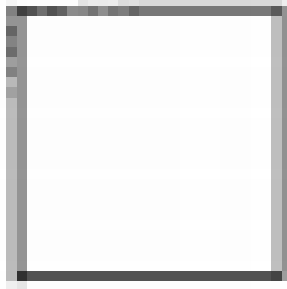
B)
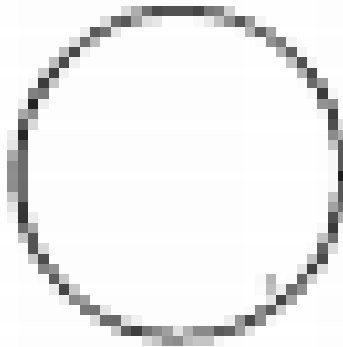
C)
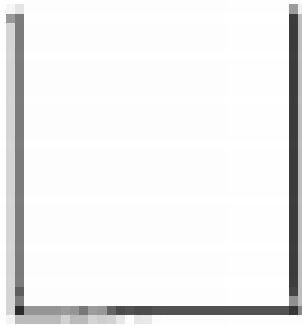
D)
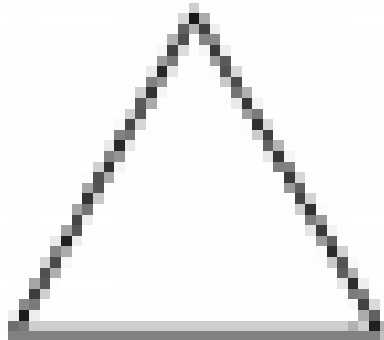
A. Pic

B. Pic

C. Pic

D. Pic

Answer:

▶ **Watch Video Solution**

69. Short form of 10000+ 2000+300+ 50+1 is

A. a. 12351

B. b. 21351

C. c. 12531

D. d. 12531

Answer:

> ▶ **Watch Video Solution**

70. What is an obtuse angle?

> ▶ **Watch Video Solution**

71. Which of the following number of dots can be shown as square?

A. 9

B. 4

C. 5

D. 6

Answer:

72. 6:4 is equivalent ratio of ___

73. The ratio of 20 cm to 2 m is ____

74. What number has the ratio 7: 6 to the number 18?

A. 27

B. 21

C. 24

D. 18

Answer:

75. Numerator of simplest equivalent rational number of $\dfrac{35}{45} = \dfrac{?}{9}$

76. p= 3 is a solution of equation

A. a. 2p+5 = 17

B. b. 5p + 2 = 17

C. c. 2p + 17 = 5

D. d. 5p + 17 =2

Answer:

77. Which of the following is an equation?

A. a. $x - 3 > 0$

B. b. $x + 3 it 0$

C. c. x

D. d. x + 3 = 0

Answer:

78. Solution of equation $3q + 2 = 5$ is

A. a. 1

B. b. 3

C. c. 2

D. d. 5

Answer:

79. The value of p-q + pq for p = -1, q = -2 is

A. a. 0

B. b. -1

C. c. -5

D. d. 3

Answer:

---

80. The perimeter of a square is

    A. a. 4 + side

    B. b. $4 \times side$

    C. c. $side \times side$

    D. d. length + breadth

Answer:

81. The Value of $7\,m$ is ___ cm.

A. 700 cm

B. 0.7 cm

C. 0.07 cm

D. 7000 cm

Answer:

82. The formula for finding area of square is

A. a. $side \times side$

B. b. $4 \times side$

C. c. $\dfrac{1}{2} \times side$

D. d. $2 \times side.$

Answer:

▶ **Watch Video Solution**

83. Area of a floor of your class will be_____as the area of roof.

A. a. greater

B. b. equal

C. c. less equal

D. d. none

Answer:

▶ Watch Video Solution

84. What is the mean of first ten even numbers?

A. a. 9

B. b. 10

C. c. 11

D. d. 12

Answer:

▶ **Watch Video Solution**

85. What is the decimal representation of $\dfrac{5}{10}$.

A. a. 0.5

B. b. 5

C. c. 0.05

D. d. 0.005

Answer:

▶ Watch Video Solution

86. Value of $1\ mm = $ ____

A. a. 0.1 cm

B. b. 0.01 cm

C. c. 1.0 cm

D. d. 0.001cm

Answer:

▶ **Watch Video Solution**

87. The value of $35 - 2.54 =$

A. a. 32.46

B. b. 1.46

C. c. 3.246

D. d. 37.54

Answer:

88. 725 paise in rupees can be written as

A. a. 72.5

B. b. 0.725

C. c. 7.25

D. d. 0.0725

Answer:

▶ Watch Video Solution

89. A proper fraction with denominator 7 is

A. a. $\dfrac{8}{7}$

B. b. $\dfrac{4}{7}$

C. c. $\dfrac{9}{7}$

D. d. $\dfrac{11}{7}$

Answer:

▶ **Watch Video Solution**

90. The value of $\dfrac{2}{3} + \dfrac{3}{4} + \dfrac{1}{2}$ is

A. a. $\dfrac{6}{9}$

B. b. $\dfrac{23}{12}$

C. c. $\dfrac{21}{12}$

D. d. $\dfrac{6}{12}$

Answer:

▶ **Watch Video Solution**

91. Which of the following should be put in the given blank :

$$\frac{4}{10} + \text{---} = \frac{7}{10}$$

    A. a. 3

    B. b. $\frac{1}{3}$

    C. c. $\frac{10}{3}$

    D. d. $\frac{3}{10}$

Answer:

▶ **Watch Video Solution**

92. Which of the following fraction is an unlike fraction of $\dfrac{3}{7}$?

A. a. $\dfrac{5}{7}$

B. b. $\dfrac{8}{7}$

C. c. $\dfrac{3}{5}$

D. d. $\dfrac{9}{7}$

Answer:

▶ Watch Video Solution

93. The Integer succeeding -9 is

    A. -10

    B. 10

    C. -8

    D. 8

Answer:

▶ **Watch Video Solution**

94. Sum of the Integers $-10, \ -5 \ \text{and} \ 12$ is

A. 27

B. -3

C. 3

D. -27

Answer:

▶ **Watch Video Solution**

95. Sum of negative and a positive integer is

A. a. Always negative

B. b. Either positive or negative

C. c. Always positive

D. d. Zero

Answer:

▶ **Watch Video Solution**

96. The number of line segments in the
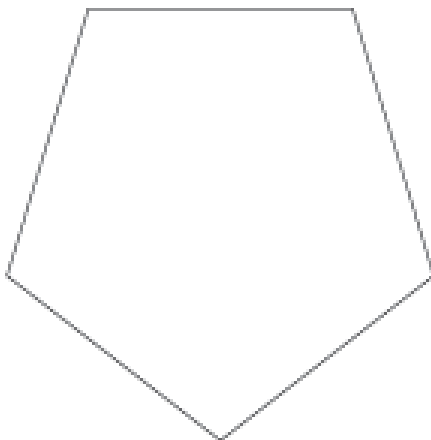
adjoining figure

A. 6

B. 3

C. 5

D. 4

Answer:

97. A line segment has definite

    A. a. breadth

    B. b. length

    C. c. thickness

    D. d. area

Answer:

98. A line segment AB is denoted as

A. $\overline{AB}$

B. $\overline{AB}$

C. AB

D. None

Answer:

99. How many lines pass through one given point?

    A. one

    B. two

    C. many

    D. none

Answer:

▶ **Watch Video Solution**

100. The Missing Number here is

A. 1

B. 2

C. 3

D. 4
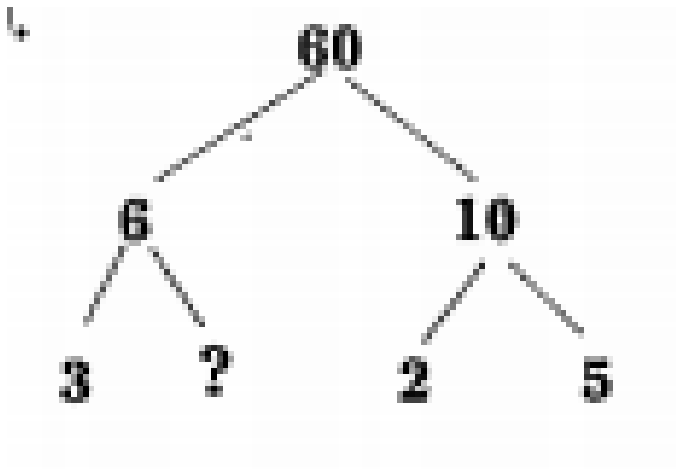
Answer:

101. What is the H.C.F. of 18 and 48?

A. a. 2

B. b. 4

C. c. 6

D. d. 8

Answer:

102. Common factors of 15 and 25 are

A. a. 15

B. b. 25

C. c. 5

D. d. 75

Answer:

103. Find the whole number if n +4 = 9

A. a. 5

B. b. 3

C. c. 4

D. d. 6

Answer:

▶ Watch Video Solution

104. Make the greatest and the smallest four digit number using any four-digits number with digit 5 always at thousand place

A. 5986, 5012

B. 5987, 501

C. 5999, 5000

D. 5789, 5120

Answer:

▶ **Watch Video Solution**

105. Insert commas suitably according to Indian system of numeration in 98432701

A. 9,84,32,701

B. 98,432,70,1

C. 98432701

D. 98432701

Answer:

106. Which of the following is meaningless ?

A. XIII

B. XIX

C. XVV

D. XL

Answer:

▶ Watch Video Solution

107. Fill in the blank to make the statement true : $6245 + (631 + 751) = (631 +$ _____ $) + 751$

A. 6245

B. 751

C. 200

D. 231

Answer:

▶ **Watch Video Solution**

108. Smallest natural number is_____

A. A. 0

B. B. 1

C. C. 2

D. D. -1

Answer:

▶ **Watch Video Solution**

109. The numbers having only two factors are called _____

A. A. even numbers

B. B. odd number

C. C. prime numbers

D. D. composite number

Answer:

▶ **Watch Video Solution**

110. The multiple of 2 is also called ____

    A. A. even number

    B. B. odd numbers

    C. C. prime number

    D. D. composite numbers

Answer:

▶ **Watch Video Solution**

111. How many points does the given figure has ?

A. 5

B. 4

C. 3

D. 6
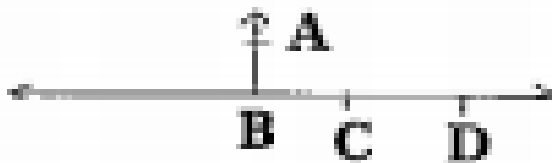
Answer:

112. A ____ of a circle is a line segment joining any two points on the circle.

    A. A. radius

    B. B. diameter

    C. C. circumference

    D. D. chord

Answer:

113. Number of lines which can be drawn from one point

    A. A. one

    B. B. infinite

    C. C. two

    D. D. zero

Answer:

114. Three or more lines which pass through same point are called_____

A. A. intersecting lines

B. B. parallel lines

C. C. perpendicular lines

D. D. concurrent lines

Answer:

---

115. A portion of a line which has two end points_____

A. A. line segment

B. B. plane

C. C. ray

D. D. point

Answer:

116. What numbers are being represented by points A and B respectively on the number
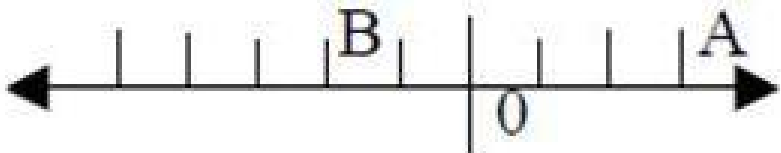
line?

A. 3 and 2

B. 2 and 3

C. -3 and -2

D. 3 and -2

Answer:

117. Which of the following set of numbers is in descending order?

A. A. 2,-2,1,-1

B. B. 0,1,2,3

C. C. 1,0,-1,-2

D. D. -3,-2,-1,0

Answer:

118. Write the fraction representing the shaded region.

I.
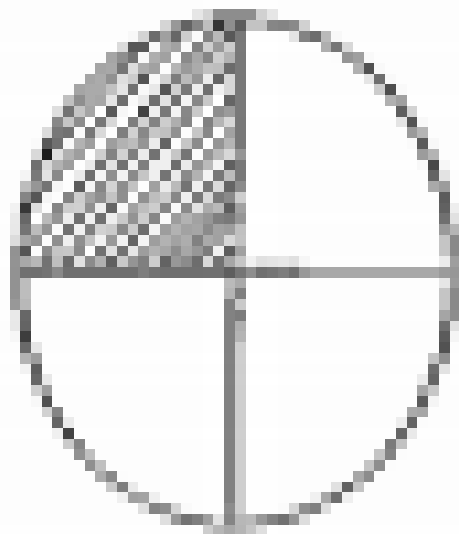
A. A. $\dfrac{4}{1}$

B. B. $\dfrac{3}{4}$

C. C. $\dfrac{4}{3}$

D. D. $\dfrac{1}{4}$

Answer:

119. Which of the following pair of fractions are equivalent?

A. A. $\dfrac{5}{9}, \dfrac{30}{54}$

B. B. $\dfrac{3}{10}, \dfrac{12}{50}$

C. C. $\dfrac{7}{13}, \dfrac{5}{11}$

D. D. $\dfrac{8}{7}, \dfrac{16}{21}$

Answer:

120. What is the place value of 9 in the given decimal 19.4?

A. A. ones

B. B. tens

C. C. tenth

D. D. hundredth

Answer:

121. 5.008 can be written in words as

    A. Five thousand eight

    B. Five point eight

    C. Fifty point eight

    D. Five point zero zero eight

Answer:

122. Which of the following is true?

    A. A. $0.3 > 0.4$

    B. B. $0.07 < 0.02$

    C. C. $3 > 0.8$

    D. D. $0.5 = 0.05$

Answer:

123. The distance covered along the boundary of a rectangle is called its

    A. area

    B. perimeter

    C. length

    D. breadth

Answer:

▶ **Watch Video Solution**

124. If the cost of painting one black-board is Rs. 50, what will be the cost of painting 10 black board

A. Rs.60

B. Rs.500

C. Rs.5000

D. Rs.10

Answer:

▶ **Watch Video Solution**

125. Perimeter of an equilateral triangle, whose each side is 'x' unit is

A. 3x

B. 3-x

C. $\dfrac{3}{x}$

D. 3+x

Answer:

▶ **Watch Video Solution**

126. The value of variable in the expression is

A. A. fixed

B. B. not fixed

C. C. zero

D. D. one

Answer:

127. Which of the following is correct?

A. A. 3:4=15:25

B. B. 12:24=6:12

C. C. 7:3=14:3

D. D. 5:10=9:20

Answer:

▶ **Watch Video Solution**

128.   Study   the   pattern

$1 \times 8 + 1 = 9, 12 \times 8 + 2 = 98$ the next step

is ___.

A. A. $123 \times 8 + 3 = 987$

B. B. $1234 \times 8 + 4 = 9876$

C. C. $120 \times 8 + 3 = 963$

D. D. $13 \times 8 + 3 = 987$

Answer:

▶ **Watch Video Solution**

129. The line on which we represent the natural number is known as

A. A. counting line

B. B. number line

C. C. digit line

D. D. zero line

Answer:

▶ **Watch Video Solution**

130. $4 = 2 \times 2,\ 15 = 3 \times 5$ so H.C.F of 4 and 15 is

A. 0

B. 1

C. 2

D. 3

Answer:

▶ **Watch Video Solution**

131. Which of the following is pair of opposite sides in the given figure?
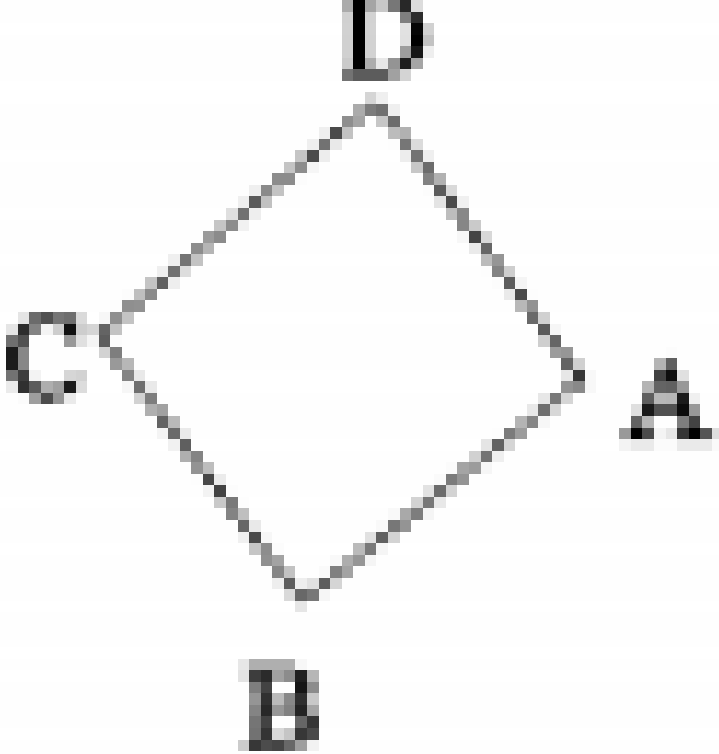
A. A. AB,BC

B. B. BC,AD

C. C. CD,AD

D. D. AB,AD

Answer:

132. The edge of a ruler draws ____.

A. ray

B. line

C. line segment

D. curve

Answer:

133. -2 subtracted from 7 gives

A. -9

B. 5

C. -5

D. 9

Answer:

134. What fraction of an hour is 45 minutes?

A. $\dfrac{4}{3}$

B. $\dfrac{3}{4}$

C. $\dfrac{1}{2}$

D. $\dfrac{4}{5}$

Answer:

▶ Watch Video Solution

135. In which year were the maximum number of bicycles manufactured?

Years	No. of bicycles manufactured
1998	800
1999	600
2000	900
2001	1100
2002	1200

A. A. 2002

B. B. 2001

C. C. 2000

D. D. 1999

Answer:

136. In which year were the minimum number of bicycles manufactured?

Years	No. of bicycles manufactured
1998	800
1999	600
2000	900
2001	1100
2002	1200

A. A. 2002

B. B. 1999

C. C. 2000

D. D. 1998

Answer:

▶ **Watch Video Solution**

137. How many bicycles were manufactured from 1998 to 2002 ?

Years	No. of bicycles manufactured
1998	800
1999	600
2000	900
2001	1100
2002	1200

A. A. 4600

B. B. 4000

C. C. 2400

D. D. 2800

Answer:

▶ **Watch Video Solution**

138. What is the difference between number of

bicycles manufactured in 2002 and 1999?

Years	No. of bicycles manufactured
1998	800
1999	600
2000	900
2001	1100
2002	1200

A. A. 600

B. B. 1200

C. C. 500

D. D. 1800

Answer:

▶ Watch Video Solution

139. The width in area of rectangle is

A. $\text{length} + area$

B. $\dfrac{area}{\text{length}}$

C. $\dfrac{\text{length}}{area}$

D. $area \times \text{length}$

Answer:

▶ **Watch Video Solution**

140. The teacher distribute 15 pencils per student, how many pencils are needed for 'y' students:

A. 15-y

B. 15+y

C. $\dfrac{15}{y}$

D. 15 y

Answer:

▶ Watch Video Solution

141. 1 crore=____ Lakhs.

A. 100

B. 1000

C. 10

D. 10000

Answer:

▶ **Watch Video Solution**

142. Fill in the blank 32 m: 64 m=6 sec: ___.

A. 13 sec

B. 12 sec

C. 8 sec

D. 24 sec

Answer:

▶ **Watch Video Solution**

143. Diameter of a circle whose radius is 'r' is

A. $\dfrac{r}{2}$

B. 2r

C. 2-r

D. 2+r

Answer:

▶ **Watch Video Solution**

144. Which has larger perimeter?

    A. a regular pentagon of side 3 cm

    B. a regular hexagon of side 3 cm

    C. a regular heptagon of side 3 cm

    D. a regular octagon of side 3 cm

Answer:

▶ **Watch Video Solution**

145. Which of the following number can be placed in the tenth position if the given number is 97.50

    A. A. 9

    B. B. 5

    C. C. 7

    D. D. 0

Answer:

146. The value of $\dfrac{2}{3} + \dfrac{3}{4} + \dfrac{1}{2} + \dfrac{1}{4}$ is

A. $\dfrac{13}{6}$

B. $\dfrac{18}{5}$

C. $\dfrac{21}{6}$

D. $\dfrac{27}{5}$

Answer:

▶ Watch Video Solution

147. An improper fraction with denominator 9 is

A. $\dfrac{2}{9}$

B. $\dfrac{7}{9}$

C. $\dfrac{11}{9}$

D. $\dfrac{5}{9}$

Answer:

▶ Watch Video Solution

148. The number of Integers between -2 and 2 is

A. 5

B. 4

C. 3

D. 2

Answer:

▶ Watch Video Solution

149. Two lines meeting at a point are called -

A. A. Parallel lines

B. B. Intersecting lines

C. C. Concurrent lines

D. D. Intercepts

Answer:

▶ **Watch Video Solution**

150. L.C.M. of two co-prime numbers is always

A. Product of numbers

B. Sum of numbers

C. Difference of numbers

D. None

Answer:

▶ **Watch Video Solution**

151. Every number is multiple of

    A. A. 1

    B. B. 2

    C. C. 10

    D. D. ZERO

Answer:

▶ **Watch Video Solution**